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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	549242002300
	First Inventor	Charles E. HEGER
	Title	DUAL AXIS CAPACITIVE LEVEL SENSOR
	Express Mail Label No.	EV 332775941 US

03807 U.S. PTO
10/618403

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Box Patent Application Commissioner for Patents Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>		8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>	
3. <input checked="" type="checkbox"/> Specification [Total Pages 28] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 14]		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) - 2 pages	
5. Oath or Declaration [Total Pages 2]		10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement + copy X Power of Attorney - 2 pages <small>(when there is an assignee) -2 pg</small>	
a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small>		11. <input type="checkbox"/> English Translation Document (if applicable)	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 - 2 pages		13. <input type="checkbox"/> Preliminary Amendment	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
		16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or its equivalent.</small>	
		17. <input type="checkbox"/> Other: 	

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label				or <input type="checkbox"/> Correspondence address below * 2 5 2 2 6 *	
Name _____					
Address _____					
City _____		State _____	Zip Code _____		
Country _____		Telephone _____	Fax _____		
Name (Print/Type)		Norman R. Klivans		Registration No. (Attorney/Agent)	33,003
Signature		<i>Norman R. Klivans</i>		Date	7/11/03

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Label No. EV 332775941 US, in an envelope addressed to: MAIL STOP PATENT APPLICATION, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 11, 2003

Signature: *[Signature]* (Anthony Soljanich)

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 415.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Charles E. HEGER
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	549242002300

03807 U.S. PRO
10/6/18403
07/11/03

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number 03-1952

Deposit Account Name Morrison & Foerster LLP

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)		375.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid
10 -20 = 0	x 9 = 0.00	
3 -3 = 0	x 42 = 0.00	
	140 = 0.00	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)		0.00

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid	
1051	130	2051 65 Surcharge - late filing fee or oath		
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet		
1053	130	1053 130 Non-English specification		
1812	2,520	1812 2,520 For filing a request for ex parte reexamination		
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action		
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action		
1251	110	2251 55 Extension for reply within first month		
1252	410	2252 205 Extension for reply within second month		
1253	930	2253 465 Extension for reply within third month		
1254	1,450	2254 725 Extension for reply within fourth month		
1255	1,970	2255 985 Extension for reply within fifth month		
1401	320	2401 160 Notice of Appeal		
1402	320	2402 160 Filing a brief in support of an appeal		
1403	280	2403 140 Request for oral hearing		
1451	1,510	1451 1,510 Petition to institute a public use proceeding		
1452	110	2452 55 Petition to revive - unavoidable		
1453	1,300	2453 650 Petition to revive - unintentional		
1501	1,300	2501 650 Utility issue fee (or reissue)		
1502	470	2502 235 Design issue fee		
1503	630	2503 315 Plant issue fee		
1460	130	1460 130 Petitions to the Commissioner		
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)		
1806	180	1806 180 Submission of Information Disclosure Stmt		
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	40.00	
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))		
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))		
1801	750	2801 375 Request for Continued Examination (RCE)		
1802	900	1802 900 Request for expedited examination of a design application		
Other fee (specify)				
SUBTOTAL (2)		(\$)		0.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

** or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Norman R. Klivans	Registration No. (Attorney/Agent)	33,003	Telephone (650) 813-5850
Signature	<i>Norman R. Klivans</i>	Date	July 11, 2003	

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Charles E. HEGERApplication No./Patent No.: Not Yet Assigned Filed/Issue Date: Concurrently HerewithEntitled: DUAL AXIS CAPACITIVE LEVEL SENSOR

ZIRCON CORPORATION, a corporation
 (Name of Assignee) Type of Assignee, e.g., corporation, partnership, university, government
 agency, etc.

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
 The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

7/11/03
 Date

Charles E. HEGER
 Typed or printed name

Charles E. Heger
 Signature
 ctm cfo CTO

Title